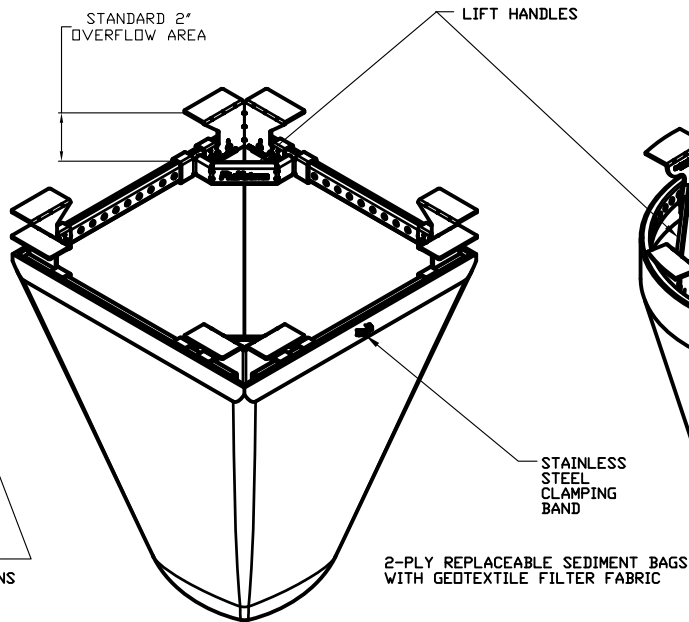
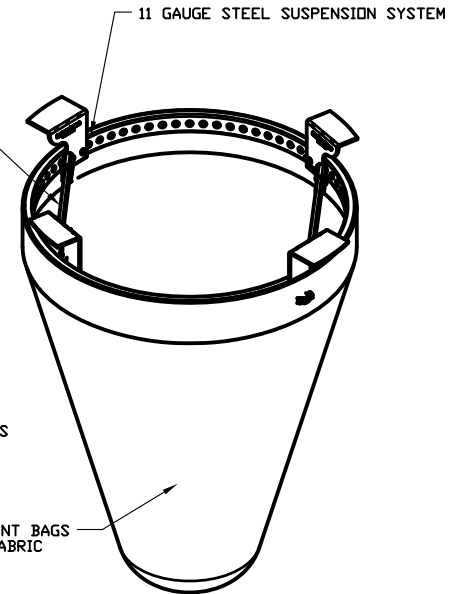


TYPICAL CURB BOX
INLET FILTER

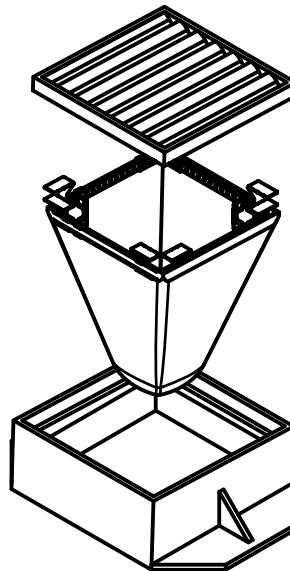


TYPICAL FLAT/RECTANGULAR/ROLLED CURB
INLET FILTER

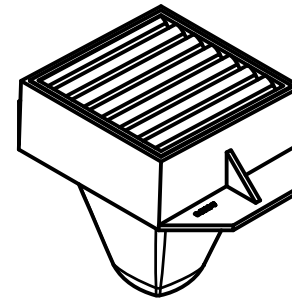


TYPICAL ROUND
INLET FILTER

IPP FleXstorm Inlet Filter Specifications			
Material Property	Test Method	Value (min ave)	
> Inner Filter Bag Specs (2 ft ³ min vol)		Non-Woven	Woven Mono
Grab Tensile	ASTM D 4632	100 lbs	200 lbs
Puncture Strength	ASTM D 4833	65 lbs	90 lbs
Trapezoidal Tear	ASTM D 4533	45 lbs	75 lbs
UV Resistance	ASTM D 4355	70% at 500 hrs	90%
App Open Size (AOS)	ASTM D 4751	70 sieve (.212 mm)	40 sieve (.425 mm)
Permittivity	ASTM D 4491	2.0 /sec	2.1/sec
Water Flow Rate	ASTM D 4491	145 gpm/sqft	145 gpm/sqft
> Polyester Outer Reinforcement Bag Specifications			
Weight	ASTM D 3776	4.55 oz/sqyd +/- 15%	
Thickness	ASTM D 1777	.040 +/- .005	
> Frame Construction			
A36 Structural Steel; 11 Gauge; Zinc Plated	ASTM A 576	Tensile Strength > 58,000 psi; Yield Strength > 36,000 psi	



INSTALLATION:
 1. REMOVE GRATE
 2. DROP FLEXSTORM INLET FILTER ONTO
 LOAD BEARING LIP OF CASTING OR
 CONCRETE STRUCTURE
 3. REPLACE GRATE



OR VILLAGE OF WHEELING APPROVED EQUAL

DRAWN ANDRIANO		ALL PRODUCTS MANUFACTURED BY INLET & PIPE PROTECTION, INC 1635 TONNE RD ELK GROVE, IL WWW.INLETFILTERS.COM (847) 722-0690 PH (847) 364-5262 FX SALES@INLETFILTERS.COM		
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QA				
MFG				
APPROVED		SIZE C	DWG NO IPP_FLEXSTORM_SPECS	REV
		SCALE	SHEET 1 OF 1	



VILLAGE OF WHEELING
ENGINEERING DIVISION
2 COMMUNITY BOULEVARD
WHEELING, IL 60090
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INLET AND FILTER PROTECTION STANDARD

VILLAGE OF WHEELING
SPECIFICATIONS AND DETAILS

FILE LOCATION
T:\ENGINEERING\STANDARDS

REVISIONS

C.J.C. 01-29-08 NEW FILE